PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

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NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)

(PCT Rules 44bis.3(c) and 72.2)

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Tot			
To:			

SAITOH, Yukihiko City Corp. Minamimorlmachi 802 2-7, Minamimorimachi 2-chome Osaka 530-0054 JAPON

Kita-ku, Osaka-shi,

IMPORTANT NOTIFICATION
International filing date (day/month/year) 25 March 2004 (25.03.2004)
AIR WATER INC. et al

1. Transmittal of the translation to the applicant.

YUKIHIKO SATTOM

The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).

The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

EP, KF

1

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Authorized officer

Yoshiko Kuwahara

Facsimile No.+41 22 338 90 90

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Translation

PATENT COOPERATION TREATY



PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

•	(PC) Afficie 38 and Rule 70)		
Applicant's or agent's file reference PCT-0401	FOR FURTHER ACTION	See Form PCT/IPEA/416	
International application No. PCT/JP2004/004145	International filing date (day/month/year 25 March 2004 (25.03.2004)	Priority date (day/month/year) 26 March 2003 (26.03.2003)	
International Patent Classification (IPC) or na F25J 3/04	ational classification and IPC		
Applicant	AIR WATER INC.		
Authority under Article 35 and trans 2. This REPORT consists of a total of 3. This report is also accompanied by a sheets of the description and sheets of the description and sheets which supplemental Bo b. Supplemental Bo b. (sent to the Internation readable form only, as in Administrative Instruction 4. This report contains indications reliable Box No. II Box No. II Priority Box No. II Priority Box No. IV Lack of unity Box No. V Reasoned structions and Box No. VI Certain documents and Box No. VII Certain documents and Box No. VII Certain deference of the total priority and box No. VII Certain deference of the total priority and box No. VII Certain deference of the total priority and box No. VII Certain deference of the total priority and box No. VII Certain deference of the total priority and box No. VII Certain deference of the total priority and box No. VII Certain deference of the total priority and the total priority	sheets, including this contained to the International Bureau) a total of particular sectifications authorized by this instructions. The international Bureau are successful to the International Bureau are successful to the international application as a containing a sequence only a total of (indications). The international application as a containing a sequence only a total of (indications). The international Bureau are successful to the following items: The international Box Relations are successful to the following items: The international Bureau to novelty, and it is a successful to the following items: The international Bureau are successful to novelty, and it is a successful to the following such statement at the successful to the successful to the following such statement at the successful to the suc	sheets, as follows: ave been amended and are the basis of this report Authority (see Rule 70.16 and Section 607 of the hority considers contain an amendment that goes filed, as indicated in item 4 of Box No. I and the te type and number of electronic carrier(s)) listing and/or tables related thereto, in computer ting to Sequence Listing (see Section 802 of the inventive step and industrial applicability to novelty, inventive step or industrial applicability;	
Date of submission of the demand	Date of comp	letion of this report	
04 October 2004 (04.	10.2004)	08 June 2005 (08.06.2005)	
Name and mailing address of the IPEA/II	P Authorized o	fficer	
Facilità NO	Telephone N	o	

International application No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

PCT/JP2004/004145

Box No.	I Basis of the report	
	regard to the language, this report is based on the international application in the language	guage in which it was filed, unless
other	vise indicated under this item. This report is based on translations from the original language into the following	language,
	which is language of a translation furnished for the purpose of: international search (under Rules 12.3 and 23.1(b))	
	publication of the international application (under Rule 12.4)	
	international preliminary examination (under Rules 55.2 and/or 55.3)	
furnis	regard to the elements of the international application, this report is based on the hed to the receiving Office in response to an invitation under Article 14 are referre re not annexed to this report): The international application as originally filed/furnished	(replacement sheets which have been d to in this report as "originally filed"
	the description:	, as originally filed/furnished
	pages* received by this Authority on	,, ,
	pages* received by this Authority on	
K-3	, , , , , , , , , , , , , , , , , , ,	
	the claims:	, as originally filed/furnished
	pages 2-4	ether with any statement) under Article 19
		17 January 2005 (17.01.2005)
}	pugu-	4. 0000000
	pages* received by this Authority on	
	the drawings:	e de empleador est
	pages 1-6	, as originally filed/furnished
]	pages* received by this Authority on	
	pages* received by this Authority on	
	a sequence listing and/or any related table(s) - see Supplemental Box Relating to S	equence Listing.
3.	The amendments have resulted in the cancellation of:	
	the description, pages	
	the claims, Nos.	
1	the drawings, sheets/figs	
	the sequence listing (specify):	
	any table(s) related to sequence listing (specify):	
4.	This report has been established as if (some of) the amendments annexed to this made, since they have been considered to go beyond the disclosure as filed, a (Rule 70.2(c)). the description, pages	report and listed below had not been as indicated in the Supplemental Box
	the claims, Nos.	·
	the drawings, sheets/figs	
	the sequence listing (specify):	
	any table(s) related to sequence listing (specify):	
<u>}</u>	mil moteful tempor to and a series of the annual temporary and the series of the annual temporary and the series of the series o	
* If ite	nn 4 applies, some or all of those sheets may be marked "superseded."	

International application No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

PCT/JP04/004145

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
1. Statement			
Novelty (N)	Claims	1-4	YES
	Claims		NO
Inventive step (IS)	Claims	1-4	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-4	YES
	Claims		NO

2. Citations and explanations (Rule 70.7)

The constitution of an air separator wherein an air-compressing means, an oxygen-concentrating means, and an oxygen/air-compressing means are disposed and provided in a single line, whereby the total amount of air compressed by the air-compressing means is supplied to the oxygen/air-compressing means, is neither described in any of the documents cited in the ISR nor obvious to a person skilled in the art. The invention of the present application thereby produces an effect of making it possible to efficiently raise the oxygen concentration of material air by means of a simple structure. The subject matters of claims 1-4, therefore, appear to be novel, to involve an inventive step, and to be industrially applicable.



IAP4 Rec'd PCT/PTO 28 NOV 2005 T

UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: Hiroshi AOKI et al.

Group Art Unit:

Serial No.: 10/550,627

Examiner:

Filed: September 26, 2005

Confirmation No.:

For:

AIR SEPARATOR

Attorney Docket Number:

053168

Customer Number:

38834

SUBMISSION OF ENGLISH TRANSLATION OF IPER

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 November 28, 2005

Sir:

Submitted herewith is an English translation of the International Preliminary Examination Report for the above-identified U.S. patent application.

If any additional fees are due in connection with this submission, please charge our Deposit Account No. 50-2866.

Respectfully submitted,

WESTERMAN, HAT ORI, DONELS & ADRIAN, LLP

Stephen G. Adrian Attorney for Appellants Registration No. 32,878

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